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FILE 'BIOSIS' ENTERED AT 12:43:46 ON 10 AUG 2005
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=> s nicotiana or tobacco

L1 140332 NICOTIANA OR TOBACCO

=> s interspecific(5a)hybrid?

L2 31719 INTERSPECIFIC(5A) HYBRID?

=> s backcrossing

L3 6225 BACKCROSSING

=> s tissue(w)culture

L4 86788 TISSUE(W) CULTURE

=> s fitzmaurice w/au

L5 4 FITZMAURICE W/AU

=> s L1 and L2

L6 1218 L1 AND L2

=> s L6 and L3

L7 51 L6 AND L3

=> s L7 and L4

L8 1 L7 AND L4

=> d L5 1-4 ti so au

L5 ANSWER 1 OF 4 AGRICOLA Compiled and distributed by the National
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(2005) on STN

TI Effect of ingredients on the oxygen uptake of cooked, freeze-dried
combination foods

SO J Agr Food Chem, May/June 1971 Vol. 19, No. 3, pp. 500-503.

AU Tuomy, J M; ***Fitzmaurice, W***

L5 ANSWER 2 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on S
TI From an enemy to an ally: Applications of plant virus vectors in research
and production.

SO Phytopathology, (June, 2002) Vol. 92, No. 6 Supplement, pp. S104. print.

Meeting Info.: 2002 Annual Meeting of the American Phytopathological
Society. Milwaukee, WI, USA. July 27-31, 2002.

CODEN: PHYTAJ. ISSN: 0031-949X.

AU Lindbo, J. A. [Reprint author]; Pogue, G. [Reprint author]; Garger, S.
[Reprint author]; ***Fitzmaurice, W.*** [Reprint author]

L5 ANSWER 3 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on S
TI A SYSTEM FOR GENETIC ANALYSIS IN THE PURPLE NON-SULFUR PHOTOS'
BACTERIUM RHODOSPIRILLUM-RUBRUM.

SO (1988) pp. 175. BOTHE, H., F. J. DE BRUIJN AND W. E. NEWTON (ED.).

NITROGEN FIXATION: HUNDRED YEARS AFTER; 7TH INTERNATIONAL CONGI
COLOGNE, WEST GERMANY, MARCH 13-20, 1988. XXI+878P. VCH PUBLISHEF
NEW YORK, NEW YORK, USA; VCH VERLAGSGESELLSCHAFT MBH: WEINHEI
GERMANY; GUSTAV FISCHER VERLAG: STUTTGART, WEST GERMANY. ILLUS
ISBN: 0-89574-271-3, 3-437-30587-5.

AU LIES D [Reprint author]; ***FITZMAURICE W*** ; LEHMAN L; ROBERTS G

L5 ANSWER 4 OF 4 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on S
TI EFFECT OF INGREDIENTS ON THE OXYGEN UPTAKE OF COOKED FREEZE I
COMBINATION FOODS.

SO Journal of Agricultural and Food Chemistry, (1971) Vol. 19, No. 3, pp.
500-503.

CODEN: JAFCAU. ISSN: 0021-8561.

AU TUOMY J M; ***FITZMAURICE W***

L9 ANSWER 2 OF 45 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 1
TI Cytogenetical investigations of polyploid ***interspecific***
hybrids of ***Nicotiana*** africana with different cultivars
of N. tabacum.
SO Journal of Genetics & Breeding, (2000) Vol. 54, No. 2, pp. 77-82. 12 ref.
ISSN: 0394-9257
AU Doroszewska, T.; Berbec[acute], A.

L9 ANSWER 6 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI Random chloroplast segregation and frequent mtDNA rearrangements in
fertile somatic hybrids between ***Nicotiana*** tabacum L. and N.
glutinosa L.
SO Theoretical and Applied Genetics, (1994) Vol. 87, No. 8, pp. 900-908. 49
ref.
ISSN: 0040-5752
AU Donaldson, P. A.; Bevis, E. E.; Pandeya, R. S.; Gleddie, S. C.

L9 ANSWER 8 OF 45 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 4
TI Studies on backcross progeny of N. rustica x N. tabacum
interspecific ***hybrids*** . II. Genomic DNA analysis.
SO Cytologia, (1994) Vol. 59, No. 3, pp. 385-391. 11 ref.
ISSN: 0011-4545
AU Neelam, A.; Narayan, R. K. J.

L9 ANSWER 9 OF 45 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 5
TI Studies on backcross progeny of N. rustica x N. tabacum
interspecific ***hybrids*** . I. Cytological analysis.
SO Cytologia, (1994) Vol. 59, No. 3, pp. 377-384. 9 ref.
ISSN: 0011-4545
AU Neelam, A.; Narayan, R. K. J.

L9 ANSWER 12 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI The chemical composition of somatic hybrids between ***Nicotiana***
tabacum and N. debneyi.
SO Canadian Journal of Plant Science, (1992) Vol. 72, No. 1, pp. 209-215. 26
ref.
ISSN: 0008-4220
AU Court, W. A.; Brandle, J. E.; Pocs, R.; Hendel, J. G.

L9 ANSWER 17 OF 45 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation or
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TI UTILIZATION OF THE GENETIC POTENTIAL IN WILD ***NICOTIANA*** -SPP.
SO Genetika i Selektsiya, (1991) Vol. 24, No. 5, pp. 342-348.
CODEN: GESKAC. ISSN: 0016-6766.
AU PALAKARCHEVA M [Reprint author]

L9 ANSWER 21 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI Observation of genetic characters and selection of the
interspecific cell ***hybrids*** and their succeeding
generations in ***tobacco*** .
SO Chinese Journal of Biotechnology, (1989) Vol. 5, No. 4, pp. 291-296. 4
ref.
ISSN: 1042-749X
AU Bu, G. Z.; Gong, M. L.; Ding, C. M.; Yao, S. M.; Zang, L. L.

L9 ANSWER 27 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI Genetic changes following ***interspecific*** ***hybridization***
and their use in breeding.
SO B"lgarski Tyutyun, (1985) Vol. 30, No. 6, pp. 17-21.
Secondary Source: Abstracts of Bulgarian Scientific Literature, A (1986)
31 (1) Abst. 89
AU Manolov, A.

L9 ANSWER 36 OF 45 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation or
STN
TI CHROMOSOME SUBSTITUTION AND GENE MUTATION CONCURRING TO PRO
FLOWER DERIVATIVE OF THE ***INTERSPECIFIC*** ***HYBRID***
NICOTIANA -TABACUM-X- ***NICOTIANA*** -BENAVIDESII.
SO Genetica Polonica, (1980) Vol. 21, No. 3, pp. 283-290.
CODEN: GPOLA4. ISSN: 0016-6715.
AU BERBEC A [Reprint author]

L9 . ANSWER 37 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI Studies on the ***backcrossing*** effect of *N. tabacum* in hybrids,
obtained from the amphidiploids *N. tabacum* L. X *N. debneyi* D (2n = 96) and
N. goodspeedii W. X *N. tabacum* L. (2n = 88).
SO Bulletin d'Information Coresta, (1980) No. Special Ed., pp. 102-103. also
7th International Tobacco Scientific Congress. Price: Abstract only;
Conference paper .
AU Palakarcheva M.; Edreva, A.; Cholakova, N.

L9 ANSWER 38 OF 45 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 6
TI New ***tobacco*** variety obtained as a result of hybridization
between the species ****Nicotiana**** *goodspeedii* W. and *N. tabacum* L.
SO Rasteniyev'dni Nauki, (1980) Vol. 17, No. 4, pp. 18-25. 8 ref.
AU Palakarcheva, M.; Peeva, R.; Kr'steva, D.; Krusteva, D.; Krusteva, D.

L9 ANSWER 40 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI Interspecific transfer of cytoplasmic male sterility by fusion between
protoplasts of normal ****Nicotiana**** *syvestris* and X-ray irradiated
protoplasts of male-sterile *N. tabacum*.
SO Zeitschrift fur Pflanzenphysiologie, (1978) Vol. 90, No. 5, pp. 397-407.
27 ref.
AU Zelcer, A.; Aviv, D.; Galun, E.

L9 ANSWER 42 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI Male sterile flower anomalies in an ***interspecific***
****Nicotiana**** ***hybrid*** .
SO Tob. Res, (1978) Vol. 4, No. 1, pp. 29-33.
Secondary Source: Bulletin d'Information Coresta (1979) Abst. 77
AU Ramavarma, K. T.; Apparao, K.; Narayanan, A. I.

L9 ANSWER 43 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI Results of hybridization between ****Nicotiana**** *megalosiphon* and *N.*
tabacum.
SO Genetika i Selektsiya, (1976) Vol. 9, No. 4, pp. 274-284. 7 ref.
ISSN: 0016-6766
AU Palakarcheva, M.

L9 ANSWER 45 OF 45 CABA COPYRIGHT 2005 CABI on STN
TI Cytological studies of cytoplasmic male sterility in ****Nicotiana**** .
V. The BC3-BC9 from the cross 4x (****Nicotiana**** *debreyi* X *N.*
tabacum) X *N. tabacum*.
SO Genetika i Selektsiya, (1974) Vol. 7, No. 4, pp. 311-321. 14 ref.
ISSN: 0016-6766
AU Tsikova, E.

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<input type="checkbox"/>	L3	backcrossing	2764
<input type="checkbox"/>	L4	tissue adj culture	54061
<input type="checkbox"/>	L5	wayne near5 fitzmaurice.in.	24
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Search Results - Record(s) 1 through 20 of 25 returned.

- ☐ 1. [20050081259](#). 23 Jul 03. 14 Apr 05. Herbicide tolerance achieved through plastid transformation. Heifetz, Peter B., et al. 800/278; 435/468 536/23.6 C07H021/04 A01H001/00 C12N015/82.
- ☐ 2. [20050005319](#). 16 Jul 04. 06 Jan 05. Method of determining the function of nucleotide sequences and the proteins they encode by transfecting the same into a host. della-Cioppa, Guy, et al. 800/260; 800/278 A01H001/00 C12N015/82 C12N015/87.
- ☐ 3. [20040261145](#). 21 Jul 04. 23 Dec 04. Genetic transformation in plants using site-specific recombination and wide hybridization. Lyznik, Leszek Alexander, et al. 800/260; 800/266 800/278 A01H001/00 A01H001/02 C12N015/82 C12N015/87.
- ☐ 4. [20040172678](#). 10 Feb 04. 02 Sep 04. Transgenic plants for mitigating introgression of genetically engineered genetic traits. Gressel, Jonathan, et al. 800/278; A01H001/00 C12N015/82.
- ☐ 5. [20040060087](#). 18 Sep 03. 25 Mar 04. Interspecific nicotiana hybrids and their progeny. Fitzmaurice, Wayne P.. 800/317.3; 435/414 A01H005/00 C12N005/04.
- ☐ 6. [20040060086](#). 18 Sep 03. 25 Mar 04. Interspecific nicotiana hybrids and their progeny. Fitzmaurice, Wayne P.. 800/317.3; A01H005/00.
- ☐ 7. [20030233674](#). 23 Oct 02. 18 Dec 03. Tomato plants that exhibit resistance to botrytis cinerea. Gabor, Brad Kane, et al. 800/279; 800/317.4 A01H001/00 C12N015/82 A01H005/00.
- ☐ 8. [20030115642](#). 20 Sep 02. 19 Jun 03. Tobacco cultivar NC 2000. Rufty, Rebeca C.. 800/317.3; A01H005/00.
- ☐ 9. [20030027173](#). 05 Feb 02. 06 Feb 03. Method of determining the function of nucleotide sequences and the proteins they encode by transfecting the same into a host. Della-Cioppa, Guy, et al. 435/6; 800/278 C12Q001/68 A01H005/00.
- ☐ 10. [20020092036](#). 14 Jan 02. 11 Jul 02. Interspecific nicotiana hybrids and their progeny. Fitzmaurice, Wayne P.. 800/269; 800/317.3 A01H005/00.
- ☐ 11. [20020073443](#). 06 Dec 00. 13 Jun 02. Herbicide tolerance achieved through plastid transformation. Heifetz, Peter B., et al. 800/278; C12N015/82.
- ☐ 12. [20020023278](#). 07 May 01. 21 Feb 02. Genetic transformation in plants using site-specific recombination and wide hybridization. Lyznik, Leszek Alexander, et al. 800/278; 800/260 800/288 800/320 800/320.1 800/320.2 800/320.3 C12N015/82 A01H001/00 A01H005/00.
- ☐ 13. [20010016956](#). 05 Dec 00. 23 Aug 01. Herbicide-tolerant protox genes produced by DNA shuffling. Ward, Eric R., et al. 800/300; 435/91.1 536/23.6 C12N015/82.
- ☐ 14. [6808904](#). 05 Dec 00; 26 Oct 04. Herbicide-tolerant protox genes produced by DNA shuffling. Ward, Eric R., et al. 435/91.1; 435/91.2. C12P019/34.
- ☐ 15. [6441273](#). 07 Apr 00; 27 Aug 02. Constitutive and inducible promoters from coffee plants. Aldwinckle, Herbert S., et al. 800/278; 435/232 435/252.2 435/252.3 435/411 435/412 435/414 435/415 435/416 435/417 435/419 435/427 435/469 435/470 536/23.2 536/23.6 536/24.1 800/293 800/294 800/298 800/305 800/306 800/313 800/314 800/317.2 800/320 800/320.1 800/320.2 800/320.3 800/322. A01H005/00 A01H005/10 C12N015/29 C12N015/60 C12N015/82 C12N015/63 C12N015/84 C12N015/87.
- ☐ 16. [6344597](#). 15 Jul 99; 05 Feb 02. Interspecific nicotiana hybrids and their progeny. Fitzmaurice, Wayne P..

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☐ 17. 6308458. 03 Feb 00; 30 Oct 01. Herbicide-tolerant plants and methods of controlling the growth of undesired vegetation. Volrath; Sandra L., et al. 504/246; 504/116.1 504/240 504/243 504/265 504/281 504/283 800/300. A01G007/06 A01H005/00.

☐ 18. 6084155. 22 Jun 98; 04 Jul 00. Herbicide-tolerant protoporphyrinogen oxidase ("protox") genes. Volrath; Sandra L., et al. 800/300; 435/320.1 435/419 435/440 536/23.2 536/23.6 800/306 800/312 800/314 800/317.3 800/320 800/320.1 800/320.2 800/320.3. A01H005/00 A01H005/10 C12N005/14 C12N015/29 C12N015/52 C12N015/82.

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